CLAIMS

1. A method for sending multiple ephemeral terminations
IDs to be taken out of service in a service change

5   message comprising:

    determining a group of ephemeral termination IDs
that are to be taken out of service;

    creating a service change message that includes
reference to multiple ephemeral termination IDs; and

10   sending the service change message that includes an
indication of a plurality of ephemeral termination IDs
that are to be taken out of service.

15   2. A method for sending multiple ephemeral terminations
IDs to be taken out of service in a service change
message in accordance with claim 1, wherein the step of
creating a service change message comprises creating a
service change message in accordance with the ITU-T H.248

20   standard.

3. A method for sending multiple ephemeral terminations
IDs to be taken out of service in a service change
message in accordance with claim 1, wherein the step of

25   creating a service change message comprises utilizing the
extension field of the service change message.

4. A method for sending multiple ephemeral terminations
IDs to be taken out of service in a service change

30   message in accordance with claim 1, wherein the step of
creating a service change message comprises creating a
service change message comprising a list of termination
identifications that correspond to the plurality of
ephemeral termination IDs that are to be taken out of

35   service.

5. A method for sending multiple ephemeral terminations IDs to be taken out of service in a service change message in accordance with claim 1, wherein the step of

5   creating a service change message comprises creating a service change message comprising a range of termination identifications that correspond to the plurality of ephemeral termination IDs that are to be taken out of service.

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6. A method for sending multiple ephemeral terminations IDs to be taken out of service in a service change message in accordance with claim 1, wherein the step of creating a service change message comprises creating a

15 service change message comprising a list of termination identifications and a range of termination identifications that correspond to the plurality of ephemeral termination IDs that are to be taken out of service.

7. A method for sending multiple ephemeral termination
IDs to be restored into service in a service change
message comprising:

  determining a group of ephemeral termination IDs
5   that are to be restored into service;

  creating a service change message that includes
reference to multiple ephemeral termination IDs; and

  sending the service change message that includes an
indication of a plurality of ephemeral termination IDs
10   that are to be restored into service.

8. A method for sending multiple ephemeral terminations
IDs to be restored into service in a service change
15   message in accordance with claim 7, wherein the step of
creating a service change message comprises creating a
service change message in accordance with the ITU-T H.248
standard.

20   9. A method for sending multiple ephemeral terminations
IDs to be restored into service in a service change
message in accordance with claim 7, wherein the step of
creating a service change message comprises utilizing the
extension field of the service change message.
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10. A method for sending multiple ephemeral terminations
IDs to be restored into service in a service change
message in accordance with claim 7, wherein the step of
creating a service change message comprises creating a
30   service change message comprising a list of termination
identifications that correspond to the plurality of
ephemeral termination IDs that are to be restored into
service.

11. A method for sending multiple ephemeral terminations IDs to be restored into service in a service change message in accordance with claim 7, wherein the step of creating a service change message comprises creating a

5   service change message comprising a range of termination identifications that correspond to the plurality of ephemeral termination IDs that are to be restored into service.

10   12. A method for sending multiple ephemeral terminations IDs to be restored into service in a service change message in accordance with claim 7, wherein the step of creating a service change message comprises creating a service change message comprising a list of termination

15   identifications and a range of termination identifications that correspond to the plurality of ephemeral termination IDs that are to be restored into service.

13.   A method for receiving multiple ephemeral
terminations IDs to be taken out of service in a service
change message comprising:

    receiving a service change message that includes an
5   indication of a plurality of ephemeral termination IDs
that are to be taken out of service;

    extracting the multiple ephemeral termination IDs
that are to be taken out of service from the service
change message; and

10   removing the group of ephemeral termination IDs from
service.

14.   A method for receiving multiple ephemeral
15 terminations IDs to be taken out of service in a service
change message in accordance with claim 13, wherein the
step of receiving a service change message comprises
receiving a service change message in accordance with the
ITU-T H.248 standard.

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15.   A method for receiving multiple ephemeral
terminations IDs to be taken out of service in a service
change message in accordance with claim 13, wherein the
step of extracting the multiple ephemeral termination IDs
25 comprises utilizing the extension field of the service
change message.

16.   A method for receiving multiple ephemeral
terminations IDs to be taken out of service in a service
30 change message in accordance with claim 13, wherein the
step of extracting the multiple ephemeral termination IDs
comprises extracting a list of termination
identifications that correspond to the plurality of
ephemeral termination IDs that are to be taken out of
35 service.

17.   A method for receiving multiple ephemeral
terminations IDs to be taken out of service in a service
change message in accordance with claim 13, wherein the
5   step of extracting the multiple ephemeral termination IDs
comprises extracting a range of termination
identifications that correspond to the plurality of
ephemeral termination IDs that are to be taken out of
service.

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18.   A method for receiving multiple ephemeral
terminations IDs to be taken out of service in a service
change message in accordance with claim 13, wherein the
step of extracting the multiple ephemeral termination IDs
15   comprises extracting a range of termination
identifications and list of termination identifications
that correspond to the plurality of ephemeral termination
IDs that are to be taken out of service